

AN INTEGRATION AREA, SYSTEM AND METHOD FOR PROVIDING
INTERCONNECTIONS AMONG COMPONENTS

ABSTRACT OF THE DISCLOSURE

5 The integration areas, system and method of interconnecting components
provide efficient techniques for separating the conductive path between components
from the pin-to-pin integration between components through the use of conductive
elements that may be interconnected in a variety of manners. The interconnections
between the conductive elements may be configured automatically and may be
10 modified relatively easily. The integration area includes component connection
receptacles, first conductive elements that extend from each component connection
receptacle, second conductive elements that extend across at least one first conductive
element, and connections between the conductive elements to interconnect the
components. The conductive elements may include flatwire segments and/or printed
15 circuit boards. The connections between the conductive elements may be made with
pins and jumpers, connection vias and solder patches and/or various insulation
barriers through which the conductive elements connect.